



# Federal Geographic Data Committee Marine and Coastal Spatial Data Subcommittee

## Meeting Minutes August, 13 2003

The Federal Geographic Data Committee (FGDC) Marine and Coastal Spatial Data subcommittee (MCSD SC) met at NOAA headquarters in Silver Spring, MD on August 13, 2003. An agenda and list of the items that were distributed during the meeting are included at the end of the minutes. Individuals who wish to request copies of these items should contact David Stein at [Dave.Stein@noaa.gov](mailto:Dave.Stein@noaa.gov).

### Minutes

Anne Hale Miglarese, chair of the subcommittee, called the meeting to order. The last meeting was held on January 6, 2003 during the Coastal GeoTools Conference in Charleston, SC. Following the January 6 meeting summary by David Stein, Anne discussed Presidential Decision Directive 23, Commercial Remote Sensing Policy. This Directive mandates the Federal Government to purchase commercially available remotely sensed imagery whenever possible. Also mentioned were recent FGDC activities and the newly created MCSD SC List Server, which was started to increase communication among subcommittee members.

### Agenda Items

1. **U.S. Army Corps of Engineers briefing on Coastal NSDI activities, Tony Niles, USACE.** Tony presented four USACE activities related to the Coastal NSDI. These activities include the National Shoreline Mapping Study, Airborne Coastal Mapping and Charting, Inland Electronic Nautical Charts, and the role

of the USACE in the Geospatial One-Stop initiative. Tony's presentation will be made available on the subcommittee's Web site.

<http://www.csc.noaa.gov/mcsd/>

2. **Geospatial One-Stop (GOS) Update, Hank Garie, Geospatial One-Stop.**

Hank Garie was unable to attend this meeting. He did attend the Department of Commerce (DOC) GOS coordination meeting earlier in the day to update the DOC GOS coordination group on recent GOS activities. Anne Miglarese passed along information from the DOC GOS coordination meeting to the MCSd subcommittee. Discussions with Hank included GOS staff providing a clearer definition of some of the data theme categories, as well as a more clearly defined role of the theme stewards. There are 17 data categories that are part of the GOS portal. GOS staff proposes that each theme have a data steward. Hank discussed the role of the theme stewards briefly. He envisions the theme channels being hosted by agencies that primarily deal with data featured in the theme channel. He has requested 1 FTE to work for each theme channel. Anne Miglarese suggested that the agency, in this case NOAA, be held accountable for the content within the theme channel, but that the issue of assigning staff should be left to the agency in charge. She made the case that the agency in charge would better know what their limitations and strengths were with respect to personnel, and that it might require time from various individuals to effectively meet the requirements of the theme channel. Hank took this suggestion under consideration.

3. **Results of the 2002 Coastal Zone Management Survey, NOAA CSC, Anne Miglarese.** Anne briefed members of the subcommittee on the results of the 2002 survey of the coastal management community, conducted by the NOAA Coastal Services Center. Results from the survey can be accessed from the NOAA Coastal Services Center's Web site at <http://www.csc.noaa.gov/survey/>.

4. **Thematic Updates**

- **ENC's** - Mike Brown, NOAA OCS, presented the new NOAA Coast Survey CARIS Chart Server. This application allows the user to access ENC's through a graphical, map-based interface. The chart server can be accessed through the OCS home page at <http://chartmaker.ncd.noaa.gov/>.
- **Marine Boundaries** - Bob Johnson, Minerals Management Service (MMS), requested that the subcommittee help him with two issues:

*Issue 1 - North Aleutian Basin*

The residents of the North Aleutian Basin viewed fishing as their mainstay and lobbied for this area to put under Moratoria for Oil and Gas development (by executive order) until 2012. As a result, MMS put this area on the back burner for cadastre development. Fishing has not been very good for the past few years and now the residents are lobbying to have the moratoria lifted. If that happens, leasing could occur in federal waters as soon as 2007/2008. But in state waters (which were

not covered by moratoria) leasing could occur as soon as 2005. For that to happen, MMS would need a good Submerged Lands Act (SLA) boundary (3-mile line). Unfortunately, many of the nautical charts are based on very old surveys and are at a poor scale. It would be helpful to MMS to have a new LiDAR survey of this coast. NOAA NGS has estimated that a LiDAR survey in that area for the 350 miles of coast would cost up to 1.5 million. Bob would like to know if the subcommittee has any suggestions on who else would benefit from a LiDAR survey, and if anyone would be interested in participating and/or contributing.

*Issue 2 - Sand and Gravel Database - The Project, The Lesson, The Plea*

**The Project** - To assist states with beach replenishment, MMS is creating a GIS database of offshore sand and gravel resources, including features which would impede sand dredging (pipelines, cables, dump areas, artificial reefs, fairways, etc.)

**The Lesson - Metadata** – MMS had an employee who had been working on this project for the past year. He created many files, but nothing was ever finished, and there was no metadata or documentation. He became sick and won't be returning to work. Unfortunately, MMS has to recreate this database. Bob is requesting that subcommittee members provide sources that could help in rebuilding this database.

- **Marine Boundary Working Group (MBWG)** - David Stein (NOAA CSC) updated the subcommittee on recent activities of the MBWG. The marine boundary portal on the Web site has been updated and can be found at <http://www.csc.noaa.gov/mbwg/>. Also, the MBWG has been working on a handbook entitled Marine Boundary Best Practices: A Handbook on Developing Legal Descriptions and Digital Boundaries for Marine Managed Areas. Chapter drafts are due at the end of August and it is anticipated that a first draft of the handbook will be completed in January 2004.
- **Shoreline** - Susan Vidal (NOAA NGS) updated the subcommittee on recent NGS activities. Susan reported that a contract for the Shoreline Data Content was advertised as firm fixed fee and only had one respondent. The respondent's application was improperly submitted and refused to accept the contract as firm fixed fee due to the unknowns of standards development. The contract is now being re-advertised. Susan also updated the subcommittee on NGS' FY '03 shoreline mapping activities. For more information on this, contact Susan at [Susan.Vidal@noaa.gov](mailto:Susan.Vidal@noaa.gov).
- **Subcommittee Standard** - David Stein (NOAA CSC) reported that the National Spatial Data Accuracy Standard, Part 5: Hydrographic Surveys

Nautical Charts was approved by the FGDC Coordination Group on August 5, 2003. It should be endorsed by the FGDC Steering Committee at the next meeting. It was noted that Jerry Mills (NOAA OCS) was the primary author of this standard and it has been in development since 1998.

## 5. Action Items

- Explore the possibility of a NOAA Office of Coast Survey briefing to the Army Core of Engineers on the Topo/Bathy project. (Migliarese/Stein to follow up)
- Many agencies are currently involved in coastal mapping projects and the subcommittee thought it might be prudent to hold a special meeting to discuss these efforts. (Migliarese/Stein to follow up)
- Subcommittee members should e-mail Bob Johnson ([Robert.E.Johnson@mms.gov](mailto:Robert.E.Johnson@mms.gov)) if they're interested in contributing to a LiDAR survey for the North Aleutian Basin (see request above). (All)
- Subcommittee members should e-mail Bob Johnson ([Robert.E.Johnson@mms.gov](mailto:Robert.E.Johnson@mms.gov)) if they can help him identify data sets to populate MMS' offshore sand and gravel database (see request above). (All).

## Items Distributed at Meeting

1. Agenda
2. One-pager on the MCSC SC

## Attendees

Name	Agency	email
Anne Hale Migliarese	NOAA CSC	<a href="mailto:Anne.Migliarese@noaa.gov">Anne.Migliarese@noaa.gov</a>
David Stein	NOAA CSC	<a href="mailto:Dave.Stein@noaa.gov">Dave.Stein@noaa.gov</a>
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Mike Moeller	NOAA CSC	<a href="mailto:Mike.Moeller@noaa.gov">Mike.Moeller@noaa.gov</a>
Robert E. Johnson	MMS MBB	<a href="mailto:Robert.E.Johnson@mms.gov">Robert.E.Johnson@mms.gov</a>

## Agenda

**Federal Geographic Data Committee  
Marine and Coastal Spatial Data Subcommittee Meeting  
Wednesday, August 13, 2003  
1:30pm -4:30pm  
NOAA SSMC4 9153**

1:00 Welcome and introductions

- Review of meeting minutes from January 6 meeting
- Recent FGDC activities
- Housekeeping items

2:00 Army Corps of Engineers Briefing on Coastal NSDI Activities – Tony Niles, ACOE

2:30 Geospatial One-Stop Update – Hank Garie, Geospatial One-Stop

3:00 Break

3:15 Results of the 2002 CZM Survey – Anne Miglarese

3:45 Thematic Updates

- ENC's
- Marine Boundaries
- Marine Boundary Working Group
- Shoreline
- Subcommittee standards
- Other activities

4:15 Action items and next meeting

4:30 Meeting adjourned

Meeting Minutes Submitted by

David Stein, NOAA Coastal Services Center  
FGDC Marine and Coastal Spatial Data Subcommittee Executive Secretary